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**From:** Whalan, John [Whalan.John@epa.gov]  
**Sent:** 7/15/2013 7:33:41 PM  
**To:** Galizia, Audrey [Galizia.Audrey@epa.gov]  
**CC:** Vulimiri, Suryanarayana [Vulimiri.Sury@epa.gov]  
**Subject:** Ammonia in Exhaled Breath  
**Attachments:** Spanel et al 2013.pdf

Audrey,

Sury Vulimiri found an interesting article published this month that addresses exhaled ammonia in the mouth and nose of human subjects. It is probably too late to include it in your TR, but you might find it interesting anyhow.

John